

PATENT COOPERATION TREATY

PCT

From the INTERNATIONAL SEARCHING AUTHORITY

NOTIFICATION OF TRANSMITTAL OF
THE INTERNATIONAL SEARCH REPORT AND
THE WRITTEN OPINION OF THE INTERNATIONAL
SEARCHING AUTHORITY, OR THE DECLARATION

To:

FISH & RICHARDSON P.C.
Attn. Juliano, Joseph
P.O. Box 1022
Minneapolis MN 55440-1022
ETATS-UNIS D'AMERIQUE

(PCT Rule 44.1)

Date of mailing
(day/month/year)

06/12/2006

Applicant's or agent's file reference

09991-171W01

FOR FURTHER ACTION

See paragraphs 1 and 4 below

International application No.

PCT/US2005/036934

International filing date

(day/month/year)

12/10/2005

Applicant

DIMATIX, INC.

1. ☒ The applicant is hereby notified that the international search report and the written opinion of the International Searching Authority have been established and are transmitted herewith.

Filing of amendments and statement under Article 19:

The applicant is entitled, if he so wishes, to amend the claims of the International Application (see Rule 46):

When? The time limit for filing such amendments is normally two months from the date of transmittal of the International Search Report.

Where? Directly to the International Bureau of WIPO, 34 chemin des Colombettes
1211 Geneva 20, Switzerland, Facsimile No.: (41-22) 338.82.70

For more detailed instructions, see the notes on the accompanying sheet.

2. ☐ The applicant is hereby notified that no international search report will be established and that the declaration under Article 17(2)(a) to that effect and the written opinion of the International Searching Authority are transmitted herewith.
3. ☐ **With regard to the protest** against payment of (an) additional fee(s) under Rule 40.2, the applicant is notified that:

- ☐ the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices.
- ☐ no decision has been made yet on the protest; the applicant will be notified as soon as a decision is made.

4. Reminders

Shortly after the expiration of **18 months** from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication.

The applicant may submit comments on an informal basis on the written opinion of the International Searching Authority to the International Bureau. The International Bureau will send a copy of such comments to all designated Offices unless an international preliminary examination report has been or is to be established. These comments would also be made available to the public but not before the expiration of 30 months from the priority date.

Within **19 months** from the priority date, but only in respect of some designated Offices, a demand for international preliminary examination must be filed if the applicant wishes to postpone the entry into the national phase **until 30 months** from the priority date (in some Offices even later); otherwise, the applicant must, **within 20 months** from the priority date, perform the prescribed acts for entry into the national phase before those designated Offices.

In respect of other designated Offices, the time limit of **30 months** (or later) will apply even if no demand is filed within 19 months.

See the Annex to Form PCT/IB/301 and, for details about the applicable time limits, Office by Office, see the *PCT Applicant's Guide*, Volume II, National Chapters and the WIPO Internet site.

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

María Rodríguez Nóvoa

NOTES TO FORM PCT/ISA/220

These Notes are intended to give the basic instructions concerning the filing of amendments under article 19. The Notes are based on the requirements of the Patent Cooperation Treaty, the Regulations and the Administrative Instructions under that Treaty. In case of discrepancy between these Notes and those requirements, the latter are applicable. For more detailed information, see also the *PCT Applicant's Guide*, a publication of WIPO.

In these Notes, "Article", "Rule", and "Section" refer to the provisions of the PCT, the PCT Regulations and the PCT Administrative Instructions, respectively.

INSTRUCTIONS CONCERNING AMENDMENTS UNDER ARTICLE 19

The applicant has, after having received the international search report and the written opinion of the International Searching Authority, one opportunity to amend the claims of the international application. It should however be emphasized that, since all parts of the international application (claims, description and drawings) may be amended during the international preliminary examination procedure, there is usually no need to file amendments of the claims under Article 19 except where, e.g. the applicant wants the latter to be published for the purposes of provisional protection or has another reason for amending the claims before international publication. Furthermore, it should be emphasized that provisional protection is available in some States only (see *PCT Applicant's Guide*, Volume I/A, Annexes B1 and B2).

The attention of the applicant is drawn to the fact that amendments to the claims under Article 19 are not allowed where the International Searching Authority has declared, under Article 17(2), that no international search report would be established (see *PCT Applicant's Guide*, Volume I/A, paragraph 296).

What parts of the international application may be amended?

Under Article 19, only the claims may be amended.

During the international phase, the claims may also be amended (or further amended) under Article 34 before the International Preliminary Examining Authority. The description and drawings may only be amended under Article 34 before the International Examining Authority.

Upon entry into the national phase, all parts of the international application may be amended under Article 28 or, where applicable, Article 41.

When?

Within 2 months from the date of transmittal of the international search report or 16 months from the priority date, whichever time limit expires later. It should be noted, however, that the amendments will be considered as having been received on time if they are received by the International Bureau after the expiration of the applicable time limit but before the completion of the technical preparations for international publication (Rule 46.1).

Where not to file the amendments?

The amendments may only be filed with the International Bureau and not with the receiving Office or the International Searching Authority (Rule 46.2).

Where a demand for international preliminary examination has been/is filed, see below.

How?

Either by cancelling one or more entire claims, by adding one or more new claims or by amending the text of one or more of the claims as filed.

A replacement sheet must be submitted for each sheet of the claims which, on account of an amendment or amendments, differs from the sheet originally filed.

All the claims appearing on a replacement sheet must be numbered in Arabic numerals. Where a claim is cancelled, no renumbering of the other claims is required. In all cases where claims are renumbered, they must be renumbered consecutively (Section 205(b)).

The amendments must be made in the language in which the international application is to be published.

What documents must/may accompany the amendments?

Letter (Section 205(b)):

The amendments must be submitted with a letter.

The letter will not be published with the international application and the amended claims. It should not be confused with the "Statement under Article 19(1)" (see below, under "Statement under Article 19(1)").

The letter must be in English or French, at the choice of the applicant. However, if the language of the international application is English, the letter must be in English; if the language of the international application is French, the letter must be in French.

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 09991-171WO1	FOR FURTHER ACTION see Form PCT/ISA/220 as well as, where applicable, item 5 below.	
International application No. PCT/US2005/036934	International filing date (<i>day/month/year</i>) 12/10/2005	(Earliest) Priority Date (<i>day/month/year</i>) 15/10/2004
Applicant DIMATIX, INC.		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of:

- ☒ the international application in the language in which it was filed
☐ a translation of the international application into _____, which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b))

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box No. II)

3. ☐ **Unity of invention is lacking** (see Box No. III)

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant
☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority

6. With regard to the **drawings**,

- a. the figure of the **drawings** to be published with the abstract is Figure No. 6a
☒ as suggested by the applicant
☐ as selected by this Authority, because the applicant failed to suggest a figure
☐ as selected by this Authority, because this figure better characterizes the invention
b. ☐ none of the figures is to be published with the abstract

INTERNATIONAL SEARCH REPORT

International application No

PCT/US2005/036934

A. CLASSIFICATION OF SUBJECT MATTER

INV. G06F3/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

G06K G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 1 267 254 A2 (HEWLETT PACKARD CO [US]) 18 December 2002 (2002-12-18) paragraphs [0009] - [0012] paragraphs [0016], [0017] figure 4	1-29
Y	EP 1 452 313 A (OLYMPUS CORP [JP]) 1 September 2004 (2004-09-01) paragraph [0006] paragraph [0050] paragraph [0056] figures 12,13	1-29



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

30 November 2006

Date of mailing of the international search report

06/12/2006

Name and mailing address of the ISA/

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Mazur, David

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2005/036934

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 1 293 341 A2 (DAINIPPON SCREEN MFG [JP]) 19 March 2003 (2003-03-19) paragraph [0046] paragraph [0067] paragraph [0079] figure 7	1-29
A	----- EP 0 964 339 A2 (NIPPON ELECTRIC CO [JP]) 15 December 1999 (1999-12-15) paragraphs [0013] - [0027] figures 2,3 -----	1-29

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2005/036934

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 1267254	A2	18-12-2002	JP	2003044245 A		14-02-2003
			US	2002186393 A1		12-12-2002
EP 1452313	A	01-09-2004	WO	03047867 A1		12-06-2003
			JP	2003165263 A		10-06-2003
			US	2004218200 A1		04-11-2004
EP 1293341	A2	19-03-2003	JP	3714894 B2		09-11-2005
			JP	2003084447 A		19-03-2003
			US	2003048467 A1		13-03-2003
EP 0964339	A2	15-12-1999	JP	11353146 A		24-12-1999

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

PCT

see form PCT/ISA/220

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.
PCT/US2005/036934

International filing date (day/month/year)
12.10.2005

Priority date (day/month/year)
15.10.2004

International Patent Classification (IPC) or both national classification and IPC
INV. G06F3/12

Applicant
DIMATIX, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. FURTHER ACTION

If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA:



European Patent Office - P.B. 5818 Patentlaan 2
NL-2280 HV Rijswijk - Pays Bas
Tel. +31 70 340 - 2040 Tx: 31 651 epo nl
Fax: +31 70 340 - 3016

Date of completion of
this opinion

see form
PCT/ISA/210

Authorized Officer

Mazur, David

Telephone No. +31 70 340-2922



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2005/036934

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:
 - ☒ the international application in the language in which it was filed
 - ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material:
 - ☐ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material:
 - ☐ on paper
 - ☐ in electronic form
 - c. time of filing/furnishing:
 - ☐ contained in the international application as filed.
 - ☐ filed together with the international application in electronic form.
 - ☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/US2005/036934

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes: Claims	1,15,25
	No: Claims	
Inventive step (IS)	Yes: Claims	
	No: Claims	1,15,25
Industrial applicability (IA)	Yes: Claims	1,15,25
	No: Claims	

2. Citations and explanations

see separate sheet

Re Item V.

- 1 Reference is made to the following documents:

D1: EP-A2-1 267 254 (HEWLETT PACKARD CO [US]) 18 December 2002 (2002-12-18)

D2: EP-A-1 452 313 (OLYMPUS CORP [JP]) 1 September 2004 (2004-09-01)

- 2 INDEPENDENT CLAIM 1

- 2.1 The present application does not meet the criteria of Article 33(1) PCT, because the subject matter of claim 1 does not involve an inventive step in the sense of Article 33(3)PCT.

Document D1, which is the closest prior art, discloses (the references in parentheses applying to this document):

A computer-implemented method of facilitating image printing, the method comprising:

transferring an image to be printed to a first software component (par. 0016: "*The print processor receives...*");

using the first software component to selectively pre-process the image depending on a format of the image (par. 0016: "*The print processor receives the native format electronic document, identifies the native format of the document, and converts to a document in print-ready format*"); and

using a second software component to generate an image printable by a print device (par. 0016: "*The print-ready formatted document is then sent to the print engine for printing*").

The difference between D1 and the claimed method lies in the function of the second software component, which is designed to generate a plurality of image queues from the pre-processed image data. This feature solves the problem of how to modify the image data in order to make it suitable to be printed by a printer having multiple printing heads.

Document D2 addresses this problem in exactly the same way as the claimed

method, namely by:

generating a plurality of image queues (par. 0027, 0028: the divided image memories are image queues) from the pre-processed image, each image queue comprising at least one portion of image data associated with an association of print elements (par. 0030: "*Reference numeral 210 denotes a divided image memory which holds the image data supplied to the recording head 212, and 211 denotes a divided image memory which holds the image data supplied to the recording head 213*") that correspond to a configuration of print elements (the number of print heads corresponds to the number of queues) at a printing device.

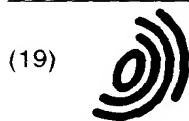
The claimed method being merely a juxtaposition of two features without any synergistic effect, and both features being disclosed by the prior art, the subject-matter of independent claim 1 cannot be considered to involve any inventive step.

3 INDEPENDENT CLAIMS 15,25

The above inventive step objection applies mutatis mutandis to the systems defined by independent claims 15 and 25, in spite of the addition of an image repository to the claims, which is an obvious feature common to all image processing systems.

3 DEPENDENT CLAIMS 2-14,16-24,26-29

Dependent claims 2-14,16-24,26-29 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step (Article 33(2) and (3) PCT).



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 267 254 A2**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:
18.12.2002 Bulletin 2002/51

(51) Int Cl.7: **G06F 3/12**

(21) Application number: **02001272.0**

(22) Date of filing: **17.01.2002**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR**
Designated Extension States:
AL LT LV MK RO SI

- Hall, David M.
Camas, WA 98607 (US)
- Revel, Daniel
Portland, OR 97211 (US)
- Bunn, Jeremy
Kelso, WA 98626 (US)
- Staas, David
Vancouver, WA 98684 (US)

(30) Priority: **11.06.2001 US 879400**

(71) Applicant: **Hewlett-Packard Company
Palo Alto, CA 94304 (US)**

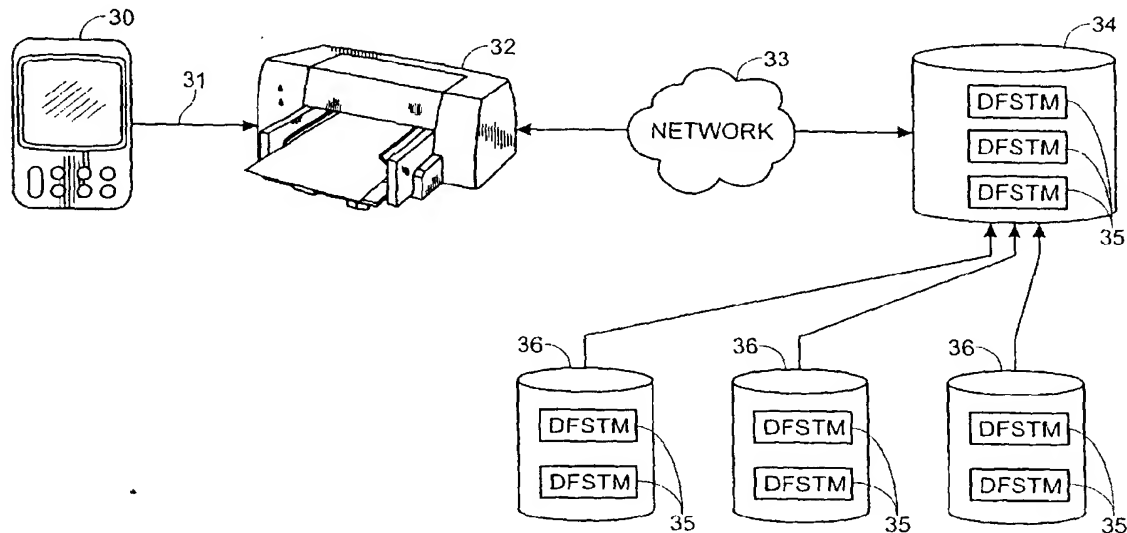
(72) Inventors:
• Pochuev, Denis A.
Camas, WA 98607 (US)

(74) Representative: **Liesegang, Eva et al
Forrester & Boehmert,
Pettenkoferstrasse 20-22
80336 München (DE)**

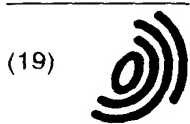
(54) **Document printing using format-specific translation modules**

(57) The present invention provides a printer (32) including a print processor (41) that is configured to convert an electronic document (25) from a native format to a print-ready format.

Fig. 3



EP 1 267 254 A2



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 452 313 A1**

(12)

EUROPEAN PATENT APPLICATION
published in accordance with Art. 158(3) EPC

(43) Date of publication:
01.09.2004 Bulletin 2004/36

(51) Int Cl.7: **B41J 2/01**

(21) Application number: **02786020.4**

(86) International application number:
PCT/JP2002/012639

(22) Date of filing: **03.12.2002**

(87) International publication number:
WO 2003/047867 (12.06.2003 Gazette 2003/24)

(84) Designated Contracting States:
**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SI SK TR**

(72) Inventor: **EBIHARA, Toshiyuki**
Hino-shi, Tokyo 191-0011 (JP)

(30) Priority: **03.12.2001 JP 2001368939**

(74) Representative: **von Hellfeld, Axel, Dr. Dipl.-Phys.
Wuesthoff & Wuesthoff
Patent- und Rechtsanwälte
Schweigerstrasse 2
81541 München (DE)**

(71) Applicant: **Olympus Corporation**
Tokyo 151-0072 (JP)

(54) IMAGE RECORDING APPARATUS

(57) There is disclosed an image recording apparatus comprising a density unevenness correction section which corrects density unevenness of input image data, a dividing line shape data generation section which produces dividing line shape data to divide the image data subjected to density unevenness correction into a plurality of partial images, an image dividing section which

divides the image data into a plurality of partial images based on the dividing line shape data produced in the dividing line shape data generation section, and a recording section comprising a plurality of recording heads to record the respective partial images output from the image dividing section, so that it is possible to avoid image quality degradation by a conspicuous joint of the image.

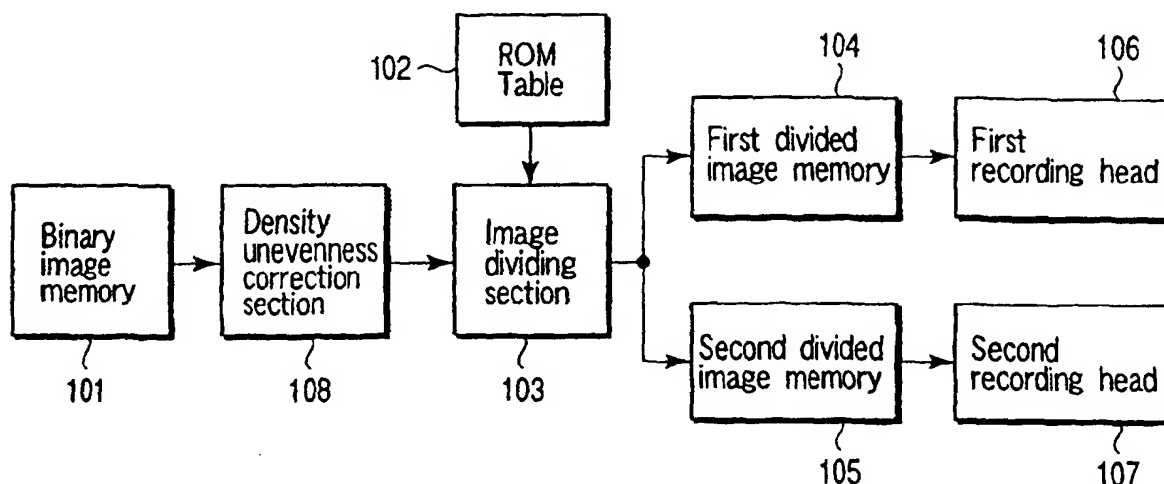
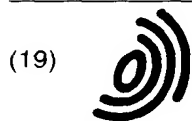


FIG. 1

EP 1 452 313 A1



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 293 341 A2**

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:

19.03.2003 Bulletin 2003/12

(51) Int Cl.7: **B41C 1/10**

(21) Application number: **02020060.6**

(22) Date of filing: **06.09.2002**

(84) Designated Contracting States:

**AT BE BG CH CY CZ DE DK EE ES FI FR GB GR
IE IT LI LU MC NL PT SE SK TR**

Designated Extension States:

AL LT LV MK RO SI

(30) Priority: **13.09.2001 JP 2001277488**

(71) Applicant: **Dainippon Screen Mfg. Co., Ltd.
Kyoto (JP)**

(72) Inventors:

- **Okamoto, Hiroshi,
Dainippon Screen Mfg. Co.,Ltd.
Horikawa-dori, Kamikyo-ku, Kyoto (JP)**

- **Nishida, Masahiro,
Dainippon Screen Mfg. Co.,Ltd.
Horikawa-dori, Kamikyo-ku, Kyoto (JP)**
- **Watanabe, Ichiro,
Dainippon Screen Mfg. Co.,Ltd.
Horikawa-dori, Kamikyo-ku, Kyoto (JP)**
- **Katsuma, Yoshihiro,
Dainippon Screen Mfg. Co.,Ltd.
Horikawa-dori, Kamikyo-ku, Kyoto (JP)**

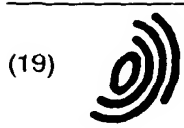
(74) Representative: **Kilian, Helmut, Dr.
Wilhelms, Kilian & Partner
Patentanwälte
Eduard-Schmid-Strasse 2
81541 München (DE)**

(54) **Image recorder having more than one recording head and image recording system containing the image recorder**

(57) A control part comprises a division location setting part for setting a division location based on an image data; a scan start position setting part for setting scan start positions of recording heads based on the division location; an image data division part for dividing an image data by the division location; and a head movement control part for controlling movement of the recording heads. The division location setting part sets a division location in a blank area having no pixel to be recorded in the primary scanning direction, in the case of publi-

cation printing, in a center margin area between page data. Since the recording heads perform scanning concurrently their respective areas that are divided by the division location, no deterioration in image continuity occurs between the recording heads. This permits an image recorder, though having plural recording heads, capable of performing concurrent recordings without loss of continuity.

EP 1 293 341 A2



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) EP 0 964 339 A2

(12) EUROPEAN PATENT APPLICATION

(43) Date of publication:
15.12.1999 Bulletin 1999/50

(51) Int. Cl.⁶: G06F 17/22

(21) Application number: 99110984.4

(22) Date of filing: 09.06.1999

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE
Designated Extension States:
AL LT LV MK RO SI

(30) Priority: 09.06.1998 JP 16032698

(71) Applicant: NEC CORPORATION
Tokyo (JP)

(72) Inventor: Chihara, Tatsuya
Minato-ku, Tokyo (JP)

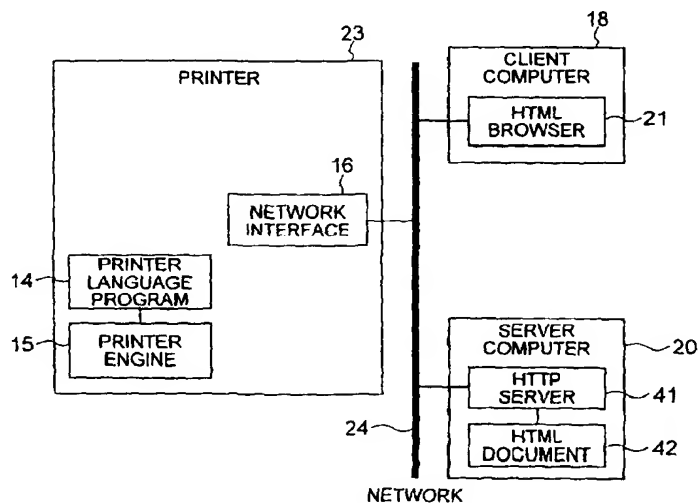
(74) Representative:
Baronetzky, Klaus, Dipl.-Ing. et al
Patentanwälte
Dipl.-Ing. R. Splanemann, Dr. B. Reitzner, Dipl.-
Ing. K. Baronetzky
Tal 13
80331 München (DE)

(54) Computer system for printing a HTML document

(57) A printer (17) has a document receiving section (12, 13) for receiving a HTML document (42) from a server computer (20) based on a URL of the HTML document (42) specified by a client computer (18). The document receiving section (12, 13) includes a URL register (12) for storing the URL specified by the client computer (18) and a HTML converter (13) for receiving

the HTML document (42) based on the URL stored in the URL register (12) and converting the received HTML document (42) including an embedded object with the assistance by a printer assistant server (19) and without the assistance by the client computer (18).

FIG. 1



EP 0 964 339 A2